SEQUENCE LISTING

<110> COMMISSARIAT A L'ENERGIE ATOMIQUE (CEA)

VITA, Claudio

LE CLAINCHE, Loïc

MONJARDET, Véronique

<120> URANIUM-CHELATING PEPTIDES AND USES THEREOF

<130> F263PCT89

<150> FR 0308211

<151> 2003-07-04

<160> 12

<170> PatentIn version 3.1

<210> 1

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM

<400> 1

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Phe Asp Lys Asp
1 5 10 15

Gly Asp Gly Thr Ile Thr Thr Lys Glu Leu Gly Thr Val Met Arg Ser
20 25 30

Leu

<210> 2

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M1c

<400> 2

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Asp Lys Asp
1 5 10 15

Gly Asp Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 3

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M2c

<400> 3

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Asp Lys Asp
1 5 10 15

Gly Asp Gly Tyr Ile Thr Thr Lys Asp Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 4

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M3c

<400> 4

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Thr Lys Asp
1 5 10 15

Gly Thr Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 5

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M4c

<400> 5

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Asn Lys Asn
1 5 10 15

Gly Asn Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 6

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M5c

<400> 6

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Asp Lys Thr
1 5 10 15

Gly Thr Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 7

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M6c

<400> 7

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Thr Lys Thr
1 5 10 15

Gly Asp Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 8

<211> 17

<212> PRT

<213> Artificial sequence

<220>

<223> peptide MLCKp

<400> 8

Arg Arg Lys Trp Gln Lys Thr Gly His Ala Val Arg Ala Ile Gly Arg
1 5 10 15

Leu

<210> 9

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M7c

<400> 9

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Ser Lys Asp
1 5 10 15

Gly Ser Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 10

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M8c

<400> 10

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Thr Lys Thr
1 5 10 15

Gly Thr Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 11

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M9c

<400> 11

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Thr Lys Asp
1 5 10 15

Gly Asp Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu

<210> 12

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> peptide CaM-M10c

<400> 12

Glu Gln Ile Ala Glu Phe Lys Glu Ala Phe Ala Leu Cys Asp Lys Asp
1 5 10 15

Gly Thr Gly Tyr Ile Thr Thr Lys Glu Leu Gly Thr Cys Met Arg Ser
20 25 30

Leu